

# Comparisons of Job Characteristics

**Focus Occupation:** Power Distributors and Dispatchers (51-8012)

**Associated Occupation:** Power Plant Operators (51-8013)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 57

**Focus Occupation:** Power Distributors and Dispatchers (51-8012)

**Associated Occupation:** Power Plant Operators (51-8013)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	12.8	10.4	<	Expanded education and/or training may be required
Chemistry	4.8	9.8	5.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	9.7	14.1	>>	Current knowledge level is likely more than sufficient
Physics	4.3	9.3	7.6	<	Expanded education and/or training may be required
Engineering and Technology	5.7	8.4	7.0	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 63

**Focus Occupation:** Power Distributors and Dispatchers (51-8012)

**Associated Occupation:** Power Plant Operators (51-8013)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	12.7	10.8	<	A higher skill level may be required
Operation and Control	5.4	10.8	7.3	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	10.6	7.2	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	10.0	6.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	8.5	2.0	<<	Extensive development of skills in this area may be required

Repairing	3.4	7.9	3.3	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.2	1.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 82			
Focus Occupation: Power Distributors and Dispatchers (51-8012) Associated Occupation: Power Plant Operators (51-8013)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Selective Attention	8.7	10.8	8.8	<	Some improvement in abilities may be required
Perceptual Speed	7.4	10.7	10.0	0	Current ability level may be sufficient
Auditory Attention	5.9	8.6	4.8	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	8.5	6.6	<	Some improvement in abilities may be required
Response Orientation	4.0	7.5	2.1	<<	Extensive improvement in abilities may be required
Rate Control	3.8	7.1	1.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 96
Focus Occupation: Power Distributors and Dispatchers (51-8012) Associated Occupation: Power Plant Operators (51-8013)		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Clean equipment or machinery	20	
Maintain consistent production quality	50	
Maintain equipment service records	85	
Maintain or repair industrial or related equipment/machinery	39	
Maintain production or work records	19	
Monitor production machinery/equipment operation to detect problems	27	
Perform safety inspections in manufacturing or industrial setting	33	
Prepare safety reports	60	
Read technical drawings	7	
Understand technical operating, service or repair manuals	6	
Use hand or power tools	2	

Use high voltage apparatus	76
Use pneumatic tools	66
Use pressure gauges	76

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 93

**Focus Occupation: Power Distributors and Dispatchers (51-8012)**

**Associated Occupation: Power Plant Operators (51-8013)**

Tools and Technologies	Exclusivity
Computers	1
Industry specific software	1
Information exchange software	1
Power generation control equipment	40

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.